

# SOLAR BATTERY AND ITS MANUFACTURE

特許公報番号 JP5048134  
公報発行日 1993-02-26  
発明者: OGASAWARA NOBUYOSHI  
出願人 MITSUBISHI ELECTRIC CORP  
分類:  
-国際: H01L31/042; H01L31/042; (IPC1-7): H01L31/042  
-欧州:  
出願番号 JP19910197669 19910807  
優先権主張番号: JP19910197669 19910807

ここにデータエラーを報告してください

## 要約 JP5048134

PURPOSE: To obtain a solar battery with which an arbitrary output can be obtained even when the battery is used singularly without connecting a plurality of number batteries by using inter-connectors. CONSTITUTION: A photoelectric conversion layer 12 is formed by exposing a semi-insulating GaAs substrate 11 by selectively etching part of an n-GaAs layer 2 grown on the substrate 11 and growing a p-GaAs layer 3 on the exposed substrate 11. Then after exposing the layer 2 and substrate 11 by selectively etching part of the layer 3, arbitrary parts of the layer 12 are connected to each other through wiring electrodes 15 laid on the substrate 11. By arbitrarily designing the areas and the number of the photoelectric conversion layers 12, an arbitrary output can be supplied with a single unit of the solar battery.

